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## Declaration and Power of Attorney for Patent Application Erklärung für Patentanmeldungen mit Vollmacht

SSJR 3345-P0069A

### German Language Declaration

Als nachstehend benannter Erfinder erkläre ich hiermit an Eides  
Statt:

daß mein Wohnsitz, meine Postanschrift und meine  
Staatsangehörigkeit den im nachstehenden nach meinem Namen  
aufgeführten Angaben entsprechen, daß ich nach bestem Wissen  
der ursprüngliche, erste und alleinige Erfinder (falls nachstehend  
nur ein Name angegeben ist) oder ein ursprünglicher, erster und  
Miterfinder (falls nachstehend mehrere Namen aufgeführt sind)  
des Gegenstandes bin, für den dieser Antrag gestellt wird und für  
den ein Patent für die Erfindung mit folgendem Titel beantragt  
wird:

#### Einlasssystem für einen MOCVD-Reaktor

deren Beschreibung hier beigefügt ist, es sei denn (in diesem  
Falle Zutreffendes bitte ankreuzen), diese Erfindung

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des Patentwesens (PCT)  
\_\_\_\_\_ und am  
\_\_\_\_\_ abgeändert (falls  
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Ich bestätige hiermit, daß ich den Inhalt der oben angegebenen  
Patentanmeldung, einschließlich der Ansprüche, die eventuell  
durch einen oben erwähnten Zusatzantrag abgeändert wurde,  
durchgesehen und verstanden habe.

Ich erkenne meine Pflicht zur Offenbarung jeglicher  
Informationen an, die zur Prüfung der Patentfähigkeit in Einklang  
mit Titel 37, Code of Federal Regulations, § 1.56 von Belang  
sind.

As a below named inventor, I hereby declare that:

My residence, post office address and citizenship are as stated  
next to my name.

I believe I am the original, first and sole inventor(if only one  
name is listed below) or an original, first and joint inventor (if  
plural names are listed below) of the subject matter which is  
claimed and for which a patent is sought on the invention entitled

#### Inletsystem für an MOCVD reactor

the specification of which is attached hereto unless the following  
box is checked:

- was filed on \_\_\_\_\_  
as United States Application Number or PCT  
International Application Number  
\_\_\_\_\_ and was amended on  
\_\_\_\_\_ (if applicable).

I hereby state that I have reviewed and understand the contents  
of the above identified specification, including the claims, as  
amended by any amendment referred to above.

I acknowledge the duty to disclose information which is material  
to patentability as defined in Title 37, Code of Federal  
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[Page 1 of 3]

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Ich beanspruche hiermit ausländische Prioritätsvorteile gemäß Title 35, US-Code, § 119 (a)-(d), bzw. § 365(b) aller unten aufgeführten Auslandsanmeldungen für Patente oder Erfinderurkunden, oder § 365(a) aller PCT internationalen Anmeldungen, welche wenigstens ein Land außer den Vereinigten Staaten von Amerika benennen, und habe nachstehend durch ankreuzen sämtliche Auslandsanmeldungen für Patente bzw. Erfinderurkunden oder PCT internationale Anmeldungen angegeben, deren Anmeldetag dem der Anmeldung, für welche Priorität beansprucht wird, vorangeht.

**Prior Foreign Applications**  
(Frühere ausländische Anmeldungen)

10 2004 009 130.7 Germany  
(Number) (Country)  
(Nummer) (Land)

\_\_\_\_\_ (Number) \_\_\_\_\_ (Country)  
(Number) (Country)  
(Nummer) (Land)

Ich beanspruche hiermit Prioritätsvorteile unter Title 35, US-Code, § 119(e) aller US-Hilfsanmeldungen wie unten aufgezählt.

\_\_\_\_\_ (Application No.) \_\_\_\_\_ (Filing Date)  
(Aktenzeichen) (Anmeldetag)

\_\_\_\_\_ (Application No.) \_\_\_\_\_ (Filing Date)  
(Aktenzeichen) (Anmeldetag)

Ich beanspruche hiermit die mir unter Title 35, US-Code, § 120 zustehenden Vorteile aller unten aufgeführten US-Patentanmeldungen bzw. § 365(c) aller PCT internationalen Anmeldungen, welche die Vereinigten Staaten von Amerika benennen, und erkenne, insofern der Gegenstand eines jeden früheren Anspruchs dieser Patentanmeldung nicht in einer US-Patentanmeldung, bzw. PCT internationalen Anmeldung in einer gemäß dem ersten Absatz von Title 35, US-Code, § 112 vorgeschriebenen Art und Weise offenbart wurde, meine Pflicht zur Offenbarung jeglicher Informationen an, die zur Prüfung der Patentfähigkeit in Einklang mit Title 37, Code of Federal Regulations, § 1.56 von Belang sind und die im Zeitraum zwischen dem Anmeldetag der früheren Patentanmeldung und dem nationalen oder im Rahmen des Vertrags über die Zusammenarbeit auf dem Gebiet des Patentwesens (PCT) gültigen internationalen Anmeldetags bekannt geworden sind.

PCT/EP2005/050765 23 February 2005  
(Application No.) (Filing Date)  
(Aktenzeichen) (Anmeldetag)

\_\_\_\_\_ (Application No.) \_\_\_\_\_ (Filing Date)  
(Aktenzeichen) (Anmeldetag)

Ich erkläre hiermit, daß alle in der vorliegenden Erklärung von mir gemachten Angaben nach bestem Wissen und Gewissen der Wahrheit entsprechen, und ferner daß ich diese eidesstattliche Erklärung in Kenntnis dessen ablege, daß wissentlich und vorsätzlich falsche Angaben oder dergleichen gemäß § 1001, Title 18 des US-Code strafbar sind und mit Geldstrafe und/oder Gefängnis bestraft werden können und daß derartige wissentlich und vorsätzlich falsche Angaben die Rechtswirksamkeit der vorliegenden Patentanmeldung oder eines aufgrund deren erteilten Patentes gefährden können.

I hereby claim foreign priority under Title 35, United States Code, § 119(a)-(d) or § 365(b) of any foreign application(s) for patent or inventor's certificate, or § 365(a) of any PCT International application which designated at least one country other than the United States, listed below and have also identified below, by checking the box, any foreign application for patent or inventor's certificate, or PCT International application having a filing date before that of the application on which priority is claimed.

**Priority Not Claimed**  
Priorität nicht beansprucht

25. February 2004  
(Day/Month/Year Filed)  
(Tag/Monat/Jahr der Anmeldung)

\_\_\_\_\_ (Day/Month/Year Filed)  
(Tag/Monat/Jahr der Anmeldung)

I hereby claim the benefit under Title 35, United States Code, § 119(e) of any United States provisional application(s) listed below.

I hereby claim the benefit under Title 35, United States Code, § 120 of any United States application(s), or § 365(c) of any PCT International application designating the United States, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code, § 112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, § 1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

**Pending**

(Status) (patented, pending, abandoned)  
(Status) (patentiert, schwebend, aufgegeben)

(Status) (patented, pending, abandoned)  
(Status) (patentiert, schwebend, aufgegeben)

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under Section 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

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**German Language Declaration**

**VERTRETUNGSVOLMACHT:** Als benannter Erfinder beauftrage ich hiermit den (die) nachstehend aufgeführten Patentanwalt (Patentanwälte) und/oder Vertreter mit der Verfolgung der vorliegenden Patentanmeldung sowie mit der Abwicklung aller damit verbundenen Angelegenheiten vor dem US-Patent- und Markenamt: (Name(n) und Registrationsnummer(n) auflisten)

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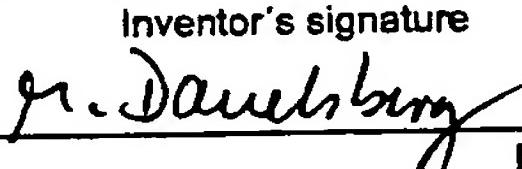
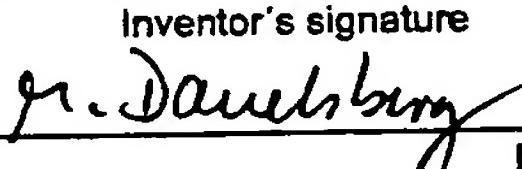
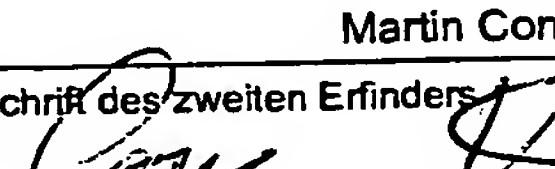
Wesley W. Whitmyer, Jr. Telephone 203-324-6155

**POWER OF ATTORNEY:** As a named inventor, I hereby appoint the following attorney(s) and/or agent(s) to prosecute this application and transact all business in the Patent and Trademark Office connected therewith: (list name and registration number)  
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Vor- und Zuname des einzigen oder ersten Erfinders  Martin Dauelsberg	Full name of sole or first inventor  Martin Dauelsberg		
Unterschrift des Erfinders  	Date  11.07.2006	Inventor's signature  	Datum  11.07.2006
Wohnsitz  Germany	Residence		
Staatsangehörigkeit  German	Citizenship		
Postanschrift  Kandelfeldstr. 8 D-52074 Aachen, Germany	Post Office Address		
Vor- und Zuname des zweiten Erfinders (falls zutreffend)  Martin Conor	Name of second joint inventor, if any  Martin Conor		
Unterschrift des zweiten Erfinders  	Datum  13.07.06	Unterschrift des zweiten Erfinders  	Date  13.07.06
Wohnsitz  Germany	Residence  Germany		
Staatsangehörigkeit  German	Citizenship		
Postanschrift  Viktoriastraße 52 D-52066 Aachen	Post Office Address		

(Im Falle dritter und weiterer Miterfinder sind die entsprechenden Informationen und Unterschriften hinzuzufügen.)

(Supply similar information and signature for third and subsequent joint inventors.)

**German Language Declaration**

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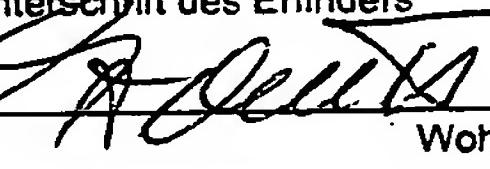
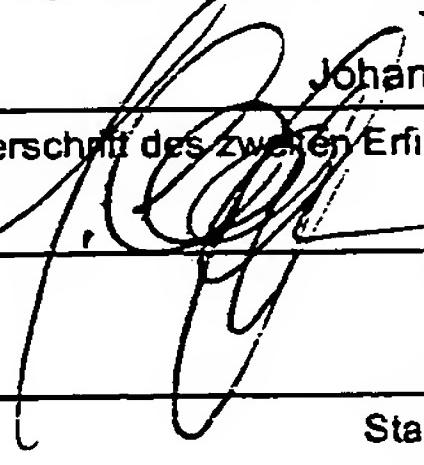
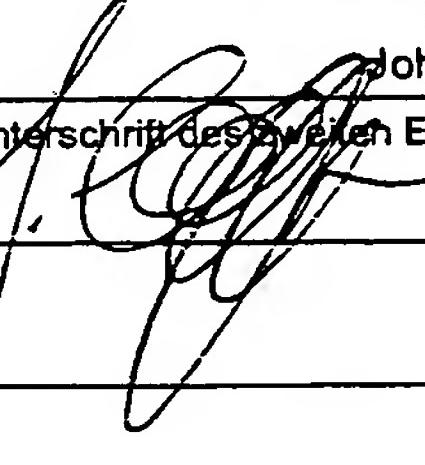
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dritten		third	
Vor- und Zuname des einzigen oder ersten Erfinders Gerhard Karl Strauch		Full name of sole or first inventor Gerhard Karl Strauch	
Unterschrift des Erfinders 	Date 7.8.06	Inventor's signature	Datum
Wohnsitz Germany		Residence	
Staatsangehörigkeit German		Citizenship	
Postanschrift Schönauer Friede 80 D-52072 Aachen		Post Office Address	
Vor- und Zuname des zweiten Erfinders (falls zutreffend) vierten Johannes Kaeppeler		Name of second joint inventor, if any fourth Johannes Kaeppeler	
Unterschrift des zweiten Erfinders 	Datum 24.7.06	Unterschrift des zweiten Erfinders 	Date
Wohnsitz Germany		Residence	
Staatsangehörigkeit German		Citizenship	
Postanschrift Zeisigweg 47 D-52146 Wuerselen		Post Office Address	

(Im Falle dritter und weiterer Miterfinder sind die entsprechenden Informationen und Unterschriften hinzuzufügen.)

(Supply similar information and signature for third and subsequent joint inventors.)

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**Assignment**

**WHEREAS**, I/we, the undersigned inventor(s), have made certain inventions or discoveries (or both) as set forth in an application for Letters Patent of the United States of America, entitled **Inlet system for an MOCVD reactor**, which application is being filed herewith;

**WHEREAS**, Aixtron AG, a company organized and existing under the laws of the Country of GERMANY, and having an office and place of business at **Kackertstraße 15-17, D-52072 Aachen Germany**, and, together with its successors, and assigns is hereinafter called "Assignee", and is desirous of acquiring title, rights, benefits and privileges hereinafter received;

**NOW THEREFORE**, for valuable consideration furnished by the Assignee to me/us, receipt and sufficiency of which I/we hereby acknowledge, I/we hereby, without reservation:

1. Assign, transfer and convey to Assignee the entire right, title and interest in and to said inventions and discoveries, said application for Letters Patent of the United States of America, any and all other applications for Letters Patent on said inventions and discoveries in any and all countries, including all divisional, renewal, substitute, continuation and convention applications based in whole or in part upon said inventions or discoveries, or upon said applications, and any and all Letters Patent, reissued and extensions of Letters Patent granted for said inventions and discoveries or upon said applications, and every priority right that is or may be predicated upon or arise from said inventions, said discoveries, said application and said Letters Patent;
2. Authorize Assignee to file patent applications in any and all countries on any or all of said inventions or discoveries in my/our name(s) or in the name of Assignee or otherwise as Assignee may deem advisable, under the International Convention or otherwise;
3. Authorize and request the Commissioner of Patents of the United States of America and the empowered officials of all other governments to issue or transfer all said Letters Patents to Assignee, as assignee of the entire right, title and interest therein or otherwise as Assignee may direct;
4. Warrant that I/we have not knowingly conveyed to others any right in said inventions, discoveries, applications or patents or any license to use the same or to make, use or sell anything embodying or utilizing any of said inventions or discoveries; and that I/we have good right to assign the same to Assignee without encumbrance;
5. Bind my/our heirs, legal representatives and assigns, as well as ourselves, to do, upon Assignee's request and at Assignee's expense, but without additional

consideration to us or them, all acts reasonably serving to assure that said inventions and discoveries, said patent applications and said Letters Patent shall be held and enjoyed by Assignee as fully and entirely as the same could have been held and enjoyed by us, our heirs, legal representatives and assigns if this assignment had not been made; and particularly to execute and deliver to Assignee all lawful application documents, including petitions, specifications, and oaths, and all assignments, disclaimers, and lawful affidavits in form and substance as may be requested by Assignee; to communicate to Assignee all facts known to me/us relating to said inventions and discoveries or the history thereof; and to furnish Assignee with any and all documents, photographs, models, samples and other physical exhibits in my/our control or in the control of my/our heirs, legal representatives or assigns, which may be useful for establishing the facts of conceptions, disclosures, and reduction to practice of said inventions and discoveries.

**IN WITNESS WHEREOF, I/we Martin Dauelsberg, Martin Conor, Gerhard Karl Strauch and Johannes Kaeppeler have hereunto set my/our hands and affixed my/our seal(s).**

11.07.2006  
Date

Martin Dauelsberg  
Martin Dauelsberg  
Kandelfeldstr. 8  
D-52074 Aachen  
Germany

**Declaration of Witness**

I declare that I was personally present and did see **Martin Dauelsberg**, who is personally known to me to be the person named in the assignment, duly sign and execute the same.

Declared at Aachen, on July 11, 2006

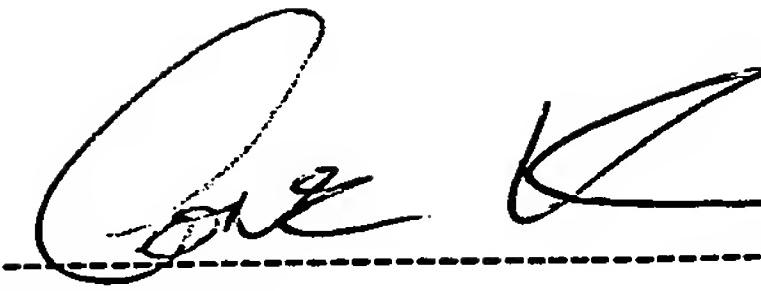
S. Ld  
Signature of Witness

Susanne Leinwand  
Name of Witness

Page 3  
Assignment

13/07/06

Date



Martin Conor  
Viktoriastraße 52  
D-52066 Aachen  
Germany

**Declaration of Witness**

I declare that I was personally present and did see **Martin Conor**, who is personally known to me to be the person named in the assignment, duly sign and execute the same.

Declared at Aachen, on July 13, 2006

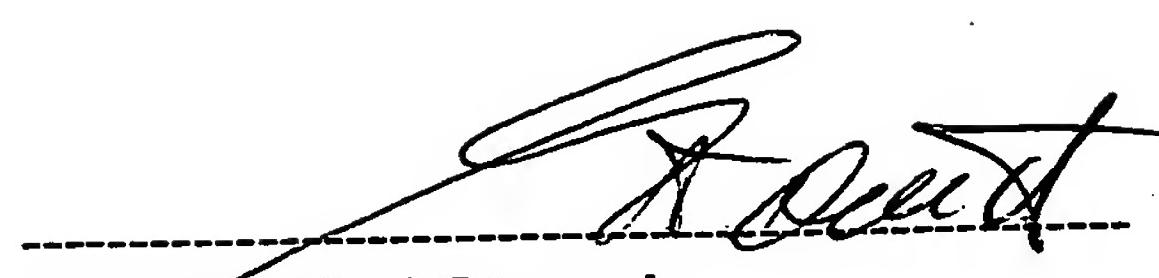


Signature of Witness

Susanne Leonard  
Name of Witness

7.8.06

Date



**Gerhard Karl Strauch**  
Schönauer Friede 80  
D-52072 Aachen  
Germany

**Declaration of Witness**

I declare that I was personally present and did see **Gerhard Karl Strauch**, who is personally known to me to be the person named in the assignment, duly sign and execute the same.

Declared at Aachen, on August 7, 2006

  
Susanne Weinand  
Signature of Witness  
Susanne Weinand  
Name of Witness

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Assignment

24.7.06

Date

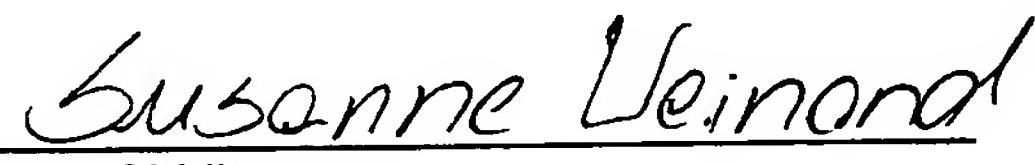
  
Johannes Kaeppeler  
Zeisigweg 47  
D-52146 Würselen  
Germany

**Declaration of Witness**

I declare that I was personally present and did see **Johannes Kaeppeler**, who is personally known to me to be the person named in the assignment, duly sign and execute the same.

Declared at Brochen, on July 24, 2006

  
S. Neinond  
Signature of Witness

  
Susanne Neinond  
Name of Witness

Day : Monday  
Date:  
09/11/2006  
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## **National Stage Application Parentage**

International Application Number: **PCT/EP05/50765**      International Filing Date:

Application Number: **NOT FOUND**

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